

## AMENDMENTS

### Listing of Claims:

- 1-33. (Canceled)
34. (Previously Presented) A method of inhibiting the formation of inhibin/betaglycan complexes on the surface of a cell by contacting the cell with an anti-betaglycan antibody.
35. (Previously Presented) The method of claim 34, wherein activin-induced signaling in the cell is increased.
36. (Previously Presented) The method of claim 35, wherein the cell is a pituitary cell.
37. (Currently Amended) The method of claim 35[[36]], wherein the ~~pituitary-increased~~ activin-induced signaling in the cell increases production of follicle stimulating hormone (FSH).
38. (Previously Presented)) The method of claim 34, wherein the method is used to treat reproductive, developmental, skin, bone, hepatic, hematopoietic or central nervous system disorders.
39. (Previously Presented) The method of claim 38, wherein the method is used to treat a reproductive disorder.
40. (Previously Presented) The method of claim 39, wherein the reproductive disorder is reduced fertility.